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CONSOLENERGY™

July 26, 2001

Utah Coal Regulatory Program
Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

[redacted]

RE: Ivie Creek, Hidden Valley Mine
2001 Stream Monitoring Report

Enclosed are the results of the May 2001, stream monitoring for Ivie Creek at Consolidation Coal Company's, Hidden Valley Mine in Emery County, Utah.

Sample and field measurements were taken May 18, 2001. Hidden Valley #1 is the upstream sampling site, located on the west side of the property. Hidden Valley #2 sample is the downstream site, located just east of the property line.

If you have any questions concerning the stream monitoring, please contact me at (618)625-6847.

Sincerely,

Timothy D. Kirschbaum
Environmental Engineer

cc: B. Malencik, Price Field Office
S. Behling, Emery Mine

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FAX: (435) 653-2436

May 30, 2001

CONSOLIDATION COAL COMPANY
EMERY MINE
P.O. BOX 527
EMERY, UTAH 84522
STEVE BEHLING

Sample identification by
Consolidation Coal Co.

ID:IVIE CREEK #1(UPPER)

Kind of sample reported to us Water

Sample taken at

Sample taken by Consolidation Coal Co.

Date sampled May 18, 2001

Date received May 18, 2001

RECEIVED 1400
SAMPLED 0905
FIELD MEASUREMENTS
FLOW 2.5 CFS TEMP 11.2
COND. 1060 pH 7.5

NOTES:
DIS.METALS
FILTERED @ LAB

Page 1 of 2

Analysis report no. 59-22581

Parameter	Result	MDL	Units		Method	Analyzed Date/Time/Analyst
Acidity	<5	0.63	mg/l	as $CaCO_3$	D1067-92	05-22-2000 1100 SC
Alkalinity, Bicarbonate	171	1.28	mg/l	as HCO_3	EPA 310.1	05-24-2001 0730 SC
Alkalinity, Carbonate	17	1.28	mg/l	as CO_3	EPA 310.1	05-24-2001 0730 SC
Alkalinity, Total	168	1.28	mg/l	as $CaCO_3$	EPA 310.1	05-24-2001 0730 SC
Anions	11.0	----	meq/l		---------	05-24-2001 1400 MK
Calcium, Total	76	0.15	mg/l		EPA 215.1	05-22-2001 1000 MK
Calcium, Dissolved	68	0.20	mg/l		EPA 215.1	05-22-2001 1000 MK
Cations	10.3	----	meq/l		---------	05-24-2001 1400 MK
Chloride	37	0.20	mg/l		EPA 300.0	05-23-2001 1251 CB
Hardness, Total	376	----	mg/l	as $CaCO_3$	SM2340-B	05-24-2001 1400 MK
Iron, Total	5.2	0.03	mg/l		EPA 236.1	05-21-2001 1315 MK
Iron, Dissolved	<0.1	0.02	mg/l		EPA 236.1	05-21-2001 1315 MK
Magnesium, Total	53	0.27	mg/l		EPA 242.1	05-22-2001 1030 MK
Magnesium, Dissolved	50	0.41	mg/l		EPA 242.1	05-22-2001 1030 MK
Manganese, Total	<0.1	0.007	mg/l		EPA 243.1	05-21-2001 1400 MK
Manganese, Dissolved	<0.1	0.007	mg/l		EPA 243.1	05-21-2001 1400 MK
Oil & Grease	<2	1.3	mg/l		EPA 413.1	05-25-2001 0800 SC
Potassium, Total	5	0.38	mg/l		EPA 258.1	05-21-2001 1445 MK
Potassium, Dissolved	4	0.19	mg/l		EPA 258.1	05-21-2001 1445 MK
Sodium, Total	62	0.2	mg/l		EPA 273.1	05-21-2001 1530 MK
Sodium, Dissolved	62	0.2	mg/l		EPA 273.1	05-21-2001 1530 MK
Solids, Settleable	<0.4	0.4	ml/l		EPA 160.5	05-18-2001 1508 JK
Solids, Total Dissolved	691	6.2	mg/l		EPA 160.1	05-21-2001 0830 CB
Solids, Total Suspended	226	3.8	mg/l		EPA 160.2	05-21-2001 0830 CB

FAXED 5-30-01

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Huntington Laboratory

MEMBER ACIL

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May 30, 2001

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EMERY MINE
P.O. BOX 527
EMERY, UTAH 84522
STEVE BEHLING

Sample identification by
Consolidation Coal Co.

ID:IVIE CREEK #1(UPPER)

Kind of sample reported to us Water

Sample taken at

Sample taken by Consolidation Coal Co.

Date sampled May 18, 2001

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COND. 1060 pH 7.5

NOTES:
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Analysis report no. 59-22581

Parameter	Result	MRL	Units	Method	Analyzed Date/Time/Analyst
Sulfate	315	0.16	mg/l	EPA 300.0	05-23-2001 1251 CB
Cation/Anion Balance	-3.1	----	%		05-24-2001 1400 MK

FAXED 5-30-01

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May 30, 2001

CONSOLIDATION COAL COMPANY
EMERY MINE
P.O. BOX 527
EMERY, UTAH 84522
STEVE BEHLING

Sample identification by
Consolidation Coal Co.

ID:IVIE CREEK #2(LOWER)

Kind of sample reported to us Water

Sample taken at

Sample taken by Consolidation Coal Co.

Date sampled May 18, 2001

Date received May 18, 2001

RECEIVED 1400
SAMPLED 0920
FIELD MEASUREMENTS
FLOW 2.40 CFS TEMP 11.4
COND. 1040 pH 7.2

NOTES:
DIS.METALS
FILTERED @ LAB

Analysis report no. 59-22582

Parameter	Result	MDL	Units		Method	Analyzed Date/Time/Analyst
Acidity	<5	0.63	mg/l	as $CaCO_3$	D1067-92	05-22-2000 1100 SC
Alkalinity, Bicarbonate	177	1.28	mg/l	as HCO_3	EPA 310.1	05-24-2001 0730 SC
Alkalinity, Carbonate	15	1.28	mg/l	as CO_3	EPA 310.1	05-24-2001 0730 SC
Alkalinity, Total	170	1.28	mg/l	as $CaCO_3$	EPA 310.1	05-24-2001 0730 SC
Anions	11.1	----	meq/l		---------	05-24-2001 1400 MK
Calcium, Total	78	0.15	mg/l		EPA 215.1	05-22-2001 1000 MK
Calcium, Dissolved	68	0.20	mg/l		EPA 215.1	05-22-2001 1000 MK
Cations	10.2	----	meq/l		---------	05-24-2001 1400 MK
Chloride	38	0.20	mg/l		EPA 300.0	05-23-2001 1251 CB
Hardness, Total	372	----	mg/l	as $CaCO_3$	SM2340-B	05-24-2001 1400 MK
Iron, Total	5.4	0.03	mg/l		EPA 236.1	05-21-2001 1315 MK
Iron, Dissolved	<0.1	0.02	mg/l		EPA 236.1	05-21-2001 1315 MK
Magnesium, Total	54	0.27	mg/l		EPA 242.1	05-22-2001 1030 MK
Magnesium, Dissolved	49	0.41	mg/l		EPA 242.1	05-22-2001 1030 MK
Manganese, Total	<0.1	0.007	mg/l		EPA 243.1	05-21-2001 1400 MK
Manganese, Dissolved	<0.1	0.007	mg/l		EPA 243.1	05-21-2001 1400 MK
Oil & Grease	<2	1.3	mg/l		EPA 413.1	05-25-2001 0800 SC
Potassium, Total	5	0.38	mg/l		EPA 258.1	05-21-2001 1445 MK
Potassium, Dissolved	3	0.19	mg/l		EPA 258.1	05-21-2001 1445 MK
Sodium, Total	62	0.2	mg/l		EPA 273.1	05-21-2001 1530 MK
Sodium, Dissolved	62	0.2	mg/l		EPA 273.1	05-21-2001 1530 MK
Solids, Settleable	<0.4	0.4	ml/l		EPA 160.5	05-18-2001 1508 JK
Solids, Total Dissolved	686	6.2	mg/l		EPA 160.1	05-21-2001 0830 CB
Solids, Total Suspended	222	3.8	mg/l		EPA 160.2	05-21-2001 0830 CB

FAXED 5-30-01

Respectfully submitted,
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May 30, 2001

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EMERY MINE
P.O. BOX 527
EMERY, UTAH 84522
STEVE BEHLING

Sample identification by
Consolidation Coal Co.

ID:IVIE CREEK #2(LOWER)

Kind of sample reported to us Water

Sample taken at

Sample taken by Consolidation Coal Co.

Date sampled May 18, 2001

Date received May 18, 2001

RECEIVED 1400
SAMPLED 0920
FIELD MEASUREMENTS
FLOW 2.40 CFS TEMP 11.4
COND. 1040 pH 7.2

NOTES:
DIS.METALS
FILTERED @ LAB

Analysis report no. 59-22582

Parameter	Result	MRL	Units	Method	Analyzed Date/Time/Analyst
Sulfate	319	0.16	mg/l	EPA 300.0	05-23-2001 1251 CB
Cation/Anion Balance	-4.3	----	%		05-24-2001 1400 MK

FAXED 5-30-01

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Huntington Laboratory

MEMBER ACIL

Commercial Testing & Engineering Co.
2035 N. Airport Road, Box 1020, Huntington, Utah 84528 Ph. (435) 653-2311 Fax. (435) 653-2436

Chain of Custody; **Consol: Hidden Valley**

Sample ID	Sample Date	Sample Time	Hidden Valley	Other:	Other:	Other:	Field Parameters pH	Flow cfs	Conductivity	Temperature °C	Other:	Mine ID	Site ID	Comments
IVIE CREEK #1 (UPPER)	5-18-01	9:05 Am	X				7.5	2.50	1060	11.2				
IVIE CREEK #2 (LOWER)	5-18-01	9:20 Am	X				7.2	2.40	1040	11.4				

Received FAX 5-30-01 Mail 6-5-01

Relinquished by:	Date	Time
Stephen R Bechling	5-18-01	2:00pm
Received by:	Date	Time

Relinquished by:	Date	Time
Received by:	Date	Time

Special Instructions: